

We Claim:

1. A method for evaluating compliance of at least one agent reading at least one script to at least one client, the method comprising at least the following:

conducting at least one voice interaction between the at least one agent and the at least one client, wherein the at least one agent follows the at least one script;

evaluating the at least one voice interaction with at least one automatic speech recognition component adapted to analyze the at least one voice interaction; and

determining whether the at least one agent has adequately followed the at least one script.

2. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting at least one voice interaction involving a telemarketing agent.

3. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting at least one voice interaction governed by at least one script that includes text corresponding to at least one offer of at least one of goods and services.

4. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting the at least one voice interaction at least in part on at least one communications network.

5. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting the at least one voice interaction at least in part on a publicly switched telephone network (PSTN).

6. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting the at least one voice interaction at least in part on at least one Internet.

7. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting the at least one voice interaction at least in part on at least one communications network having at least one wireless component.

8. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting at least one telephone call.

9. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting at least one telephone call that is initiated by the at least one client.

5 10. The script compliance method of claim 1, wherein conducting at least one voice interaction includes conducting at least one telephone call that is initiated by an entity other than the at least one client.

11. The script compliance method of claim 1, wherein evaluating the at least one interaction includes at least the following:

10 converting the at least one voice interaction into at least one digital signal comprising at least one spectral representation of the at least one voice interaction,  
comparing the at least one digital signal to at least one reference standard that includes at least one known vocabulary, and  
matching the at least one digital signal to at least one of words and phrases contained in the at least one reference standard.

15 12. The script compliance method of claim 12, further comprising performing at least one action based upon at least one result of the evaluating of the at least one voice interaction.

13. The script compliance method of claim 12, wherein performing at least one action includes transmitting at least one signal to the at least one agent.

20 14. The script compliance method of claim 12, wherein performing at least one action includes transmitting at least one signal to at least one reviewing authority.

15. The script compliance method of claim 12, wherein performing at least one action includes making at least one entry in at least one script compliance incentive system.

25 16. The script compliance method of claim 1, further comprising reviewing at least one determination of whether the at least one agent has adequately followed the at least one script.

17. The script compliance method of claim 1, wherein determining whether the at least one agent has adequately followed the at least one script includes defining at least one score assigned by the at least one automatic speech recognition component.

18. The script compliance method of claim 1, wherein evaluating the at least one voice interaction includes evaluating a plurality of panels.

19. The method of claim 18, further comprising assigning a respective score to each one of the panels.

20. The method of claim 1, further comprising comparing data representing an actual duration of at least one interaction, wherein the at least one agent reads at least one script to the at least one client, to data representing an expected duration parameter associated with the at least one interaction.

21. The method of claim 1, further comprising dispositioning at least one interaction, wherein the at least one agent reads at least one script to the at least one client, based at least in part on a comparison of data representing an actual duration of the at least one interaction to data representing an expected duration parameter associated with the at least one interaction.

22. The method of claim 1, wherein determining whether the at least one agent has adequately followed the at least one script includes, at least in part, dispositioning at least one interaction, wherein the at least one agent reads at least one script to the at least one client, based at least in part on a comparison of data representing an actual duration of the at least one interaction to data representing an expected duration parameter associated with the at least one interaction.

23. A system for evaluating compliance of at least one agent reading at least one script to at least one client, the system comprising at least the following:

at least one communication network adapted to support at least one voice interaction between the at least one agent and the at least one client, wherein the at least one agent follows at least one script;

at least one automatic speech recognition component adapted to analyze the at least one voice interaction and to determine whether the at least one agent has adequately followed the at least one script; and

means for causing at least one action to be taken based upon a determination by the at least one automatic speech recognition component as to whether the at least one agent has adequately followed the at least one script.

24. The system of claim 23, wherein the at least one communication network comprises at least one long distance telephone network.

25. The system of claim 23, wherein the at least one communication network comprises at least one internet-based network.

26. The system of claim 23, further comprising at least one call center that includes a plurality of agent workstations.

27. The system of claim 23, wherein at least one of the agent workstations includes at least a telephone and a computer terminal.

28. The system of claim 23, wherein said agent is a telemarketing agent.

29. The system of claim 23, wherein said agent is a customer service agent.

30. The system of claim 23, wherein the means for causing at least one action to be taken includes means for transmitting at least one signal to the at least one agent.

31. The system of claim 23, wherein the means for causing at least one action to be taken includes means for transmitting at least one signal to at least one reviewing authority.

32. The system of claim 23, wherein the means for causing at least one action to be taken includes means for making an entry in a script compliance incentive system.

33. The method of claim 1, further comprising identifying at least one instance of non-compliance with the script, wherein the agent did not adequately follow the script during at least one given interaction.

34. The method of claim 1, further comprising obtaining a voice record of at least a portion of at least one voice interaction.

35. The method of claim 33, further comprising obtaining at least a portion of a voice record of at least a portion of a suggested interaction that is related to the at least one instance of non-compliance.

5 36. The method of claim 35, wherein obtaining a voice record includes obtaining at least a portion of a pre-recorded voice record.

37. The method of claim 35, wherein obtaining a voice record includes recording at least a portion of a second interaction as the further voice record after identifying that at least one instance of non-compliance.

10 38. The method of claim 35, further comprising providing at least the portion of the voice record of the at least one voice interaction and the voice record of the suggested interaction to the agent.

39. The method of claim 35, further comprising converting data representing at least the portion of the voice record of the at least one voice interaction and the voice record of the suggested interaction from a first format to at least a second format.

15 40. The method of claim 35, further comprising e-mailing data representing at least the portion of the voice records to the agent.

41. The method of claim 33, further comprising directing the agent to remedial materials related to improving performance of the agent.

20 42. The method of claim 33, further comprising providing the agent with data representing at least one aspect in which the agent's handling of at least one interaction was deficient.

43. The method of claim 33, further comprising providing the agent with a screen shot representation of at least one aspect in which the agent's handling of at least one interaction was deficient.

25 44. A method of improving agent performance, the method comprising at least the following:

identifying at least one interaction handled by at least one agent, which interaction is deficient in at least one aspect;

obtaining a voice record of at least a portion of the at least one interaction;

obtaining a further voice record of at least a portion of at least a further interaction in which the at least one aspect is not deficient; and

transmitting data representing at least the portions of the voice record and the further voice record to the at least one agent.

45. The method of claim 44, further comprising identifying at least one QA-related parameter applicable to at least one interaction involving the at least one agent.

46. The method of claim 45, wherein identifying at least one interaction includes analyzing the at least one interaction against the at least one QA-related parameter.

47. The method of claim 44, wherein identifying at least one interaction includes identifying at least one interaction wherein the at least one agent does not comply with at least part of a pre-defined script governing the at least one interaction.

48. The method of claim 44, wherein identifying the at least one interaction includes identifying at least one interaction wherein the at least one agent fails to correctly enter data provided by a third party into a computer-based system.

49. The method of claim 44, wherein identifying at least one interaction includes identifying at least one interaction wherein the at least one agent provides an incorrect response to a question from a third party.

50. The method of claim 44, wherein obtaining a voice record includes recording at least a portion of at least one interaction processed by at least one agent physically located at a call center.

51. The method of claim 44, wherein obtaining a voice record includes recording at least a portion of at least one interaction processed by at least one agent physically located remotely from a call center.

52. The method of claim 44, wherein obtaining a further voice record includes obtaining at least a portion of a pre-recorded interaction.

53. The method of claim 44, wherein obtaining a further voice record includes accessing at least one data store containing data representing at least respective portions of a plurality of pre-recorded interactions.

54. The method of claim 44, wherein obtaining a further voice record includes recording at least a portion of a further interaction occurring subsequently to the at least one interaction.

55. The method of claim 44, wherein transmitting the voice record and the further voice record includes emailing the data representing the voice record and the further voice record to the at least one agent.

56. The method of claim 44, further comprising transmitting to the at least one agent at least one screen shot representation of a computer screen related to the at least one interaction.

57. The method of claim 44, further comprising transmitting to the at least one agent data representing at least a portion of a pre-defined script with which the at least one agent failed to comply.

58. The method of claim 44, further comprising transmitting to the at least one agent data representing information entered incorrectly by the at least one agent into a computer-based system.

59. The method of claim 44, further comprising directing the at least one agent to remedial materials based on the at least one aspect.

60. The method of claim 44, further comprising directing the at least one agent to at least a portion of a software-based training program based on the at least one aspect.

61. The method of claim 44, further comprising directing the agent to at least a portion of a training document based on the at least one aspect.

62. The method of claim 44, further comprising converting the voice record into a format suitable for transmission to at least one agent physically located in a call center.

63. The method of claim 44, further comprising converting the voice record into a format suitable for transmission to at least one agent physically located remotely from a call center.

5 64. The method of claim 44, further comprising converting the further voice record into a format suitable for transmission to at least one agent physically located in a call center.

65. The method of claim 44, further comprising converting the further voice record into a format suitable for transmission to at least one agent physically located remotely from a call center.

10 66. The method of claim 44, further comprising converting at least one of the voice record and the further voice record into a format suitable for e-mail transmission.

67. The method of claim 44, further comprising accessing a data store adapted to correlate respective portions of a pre-defined script governing at least a portion of the at least one interaction to respective fields in the data store that store respective suggested voice records corresponding to the respective portions of the script.

15 68. A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for improving agent performance, the method comprising at least the following:

identifying at least one interaction handled by at least one agent, which interaction is deficient in at least one aspect;

20 obtaining a voice record of at least a portion of the at least one interaction;

obtaining a further voice record of at least a portion of at least a further interaction in which the at least one aspect is not deficient; and

transmitting data representing at least the portions of the voice record and the further voice record to the at least one agent.

25 69. A system for improving agent performance, the system comprising at least the following:



means for identifying at least one interaction handled by at least one agent, which interaction is deficient in at least one aspect;

means for obtaining a voice record of at least a portion of the at least one interaction;

means for obtaining a further voice record of at least a portion of at least a further interaction in which the at least one aspect is not deficient; and

means for transmitting data representing at least the portions of the voice record and the further voice record to the at least one agent.

5